1	FORM PTO-INCAME addified)			ATTY. DOCKET NO. SERIAL NO. 2002-IP-008094U2 10/721,055				
	APPL	TENTS AND PUBLICANT'S INFORM LOSURE STATEME	ATION	APPLICANT Krishna M. Ravi et	; al.			
(Use sev	/eral	sheets if nec	essary)	FILING DATE November 24, 2003	,	GROUP 3672		
				I.S. PATENT DOCUMENTS				
EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Dat	ing e if priate
TJK	AA	6,518,224 B2	01/22/03	Wood	507	118		
TUK	AB				<del> </del>			
	AC				· · · · ·	-	<del>                                     </del>	
	AD							0
	AE							
	AF							
	AG							
	AH							
	AI							
	ĀJ							
	AK		<u> </u>	<u> </u>	1		1	
			FORE	EIGN PATENT DOCUMENTS				
		Document No.	Date	Country	Class	Subclass	<u>Trans</u> Yes	lation No
	AL			<del> </del>	<del> </del>			<u> </u>
	AM							
	AN							
	AO							
	AP							
Office	CD AF	T (Including	uthor Wi	tle, Date, Pertinent	Dages F	to 1		
OTHI	AR	I (Including A	uchor, II	LIS, Date, Fertiment	ayes, E			
	AS			****				
	AT							
	MINE	R R Kugel/ (06	/15/2006)		NSIDEREI	· · ·		

FORM PTO-164 BAR odified)



Sheet 1 of 1FORM PTO-1449 (Modified) ATTY. DOCKET NO. SERIAL NO. 2002-IP-008094U2 10/721,055 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION APPLICANT DISCLOSURE STATEMENT Krishna M. Ravi et al. (Use several sheets if necessary) FILING DATE **GROUP** November 24, 2003 3672 U.S. PATENT DOCUMENTS Filing EXAMINER Date if INITIAL Date Class Subclass Appropriate Document No. Name 175 10/27/98 Zaleski et al. 5,826,669 AA TJK AB AC ĀD AE AF AG AH AI λJ AK FOREIGN PATENT DOCUMENTS Translation Class Subclass Yes No Document No. Date Country AT. AM AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AS AT DATE CONSIDERED EXAMINER

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Timothy J. Kugel/ (06/15/2006)

OIPE 400

Sheet 1

PTO/S9/08A (07-05)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

RADEAN Estitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/721,055					
Filing Date	11/24/2006					
First Named Inventor	Krishna M. Ravi					
Art Unit	3672					
Examiner Name	unknown	<del></del>				
Attorney Docket Number	2002-IP-008094U2					

				DOCUMENTS	<del></del>
Examiner Cit Initials* No	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	<u> </u>	Number-Kind Code <sup>2</sup> (f known)			Figures Appear
TJK	1	US- 2005/0284641 A1	12/29/2005	Watkins et al.	
		US-			1
		US-	•		
		US-		1	
	† <u> </u>	US-			
		US-		1.	
	<b> </b>	US-			
		US-			
	<b> </b>	US-			
		US-			
	_	us-			

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	<u> </u>	Country Code <sup>3</sup> "Number <sup>6</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T.
						-
				•		
				L	<u></u>	L
						$\bot$

Examiner Signature	/Timothy J. Kugel/ (06/15/2006)	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Transation is anaeched.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ender suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Sheet <u>1</u> of <u>4</u>

FORM PTO-1449 (Modified) MAR 0 3 2005

LIST OF PATENTS AND AUBLICATIONS AFFICANT'S INFORMATION OF DISCLOSURE STATEMENT AND THE PROPERTY OF THE PROPER

ATTY. DOCKET NO. 2002-IP-008094U2 SERIAL NO. 10/721,055

APPLICANT

Krishna M. Ravi et al.

(Use several sheets if necessary)

FILING DATE November 24, 2003 **GROUP** 3672

EXAMINER				V.S. PATENT DOCUMENTS			Filing Date if
INITIAL		Document No.	Date	Name	Class	Subclass	Appropriate
TJK	AA	4,362,566	12/07/82	Hinterwaldner	106	85	
1	AB	4,370,166	01/25/83	Powers et al.	106	97	
	AC	5,456,721	10/10/95	Zandi et al.	106	724	
	AD	5,779,787	07/14/98	Brothers et al.	106	802	
1"	AE	5,839,520	11/24/98	Maillet	175	61	
	AF	5,959,762	09/28/99	Bandettini et al.	359	265	
	AG	6,143,069	11/07/00	Brothers et al.	106	678	
	AH	6,197,418 B1	03/06/01	Cloots et al.	428	332	
	AI	6,516,883 B1	02/11/03	Chatterji et al.	166	293	
$\Lambda$	AJ	6,554,071 B1	04/29/03	Reddy et al.	166	293	<del></del>
TJK	AK	6,527,051 B1	03/04/03	Reddy et al.	166	300	<u> </u>
	EIGN	PATENT DOCUMEN	TS				
			T				Translation
	1	Document No.	Date	Country	Class	Subclass	Yes No

						Translation		
		Document No.	Date	Country	Class	Subclass	Yes	No
TJK	AL	EP 1 348 831	10/01/03	Europe	E21B	33/13	х	1
TJK	AM	GB 2 354 236	03/21/01	United Kingdom	C04B	24/24	Х	
•	-NN	3 787 441	06/23/00	France	C04B	20/00		ж-
TJK	AO	WO00/20350	04/13/00	PCT	C04B	18/22	Х	
TJK	AP	32 09 488	09/23/82	Germany	C04B	31/02		

OTH	IER ART	(Including Author, Title, Date, Pertinent Pages, Etc.)
	AR	Paper entitled "Hawley's Condensed Chemical Dictionary" pages 922 and
TJK		941.
TJK	AS	Paper entitled 'Hydration and strength of neat Portland cement' by D.
	·   -	Chandra et al., dated May 12, 1984.
TJK	AT	Paper entitled 'Small bore hollow waveguides for delivery of 3mu.m
101	I	laser radiation" by R. Kozodoy et al., dated August 14, 1996.

EXAMINER /Timothy J. Kugel/ (06/15/2006)

DATE CONSIDERED

		9 (Modified)	TONTONE		OCKET NO. P-008094U2		SERIAL NO. 10/721,055	,
	APPI	ATENTS AND PUBL JICANT'S INFORM LOSURE STATEME	ATION	APPLICANT Krishna M. Ravi et al.				
(Use sev	eral	. sheets if nec	essary)	FILING Novemb	DATE er 24, 2003		GROUP 3672	
			U	.S. PATEI	T DOCUMENTS			
								Filing
EXAMINER						-1	_ , ,	Date if
INITIAL	· ·	Document No.	Date 09/30/03	Drochon	Name	Class	Subclass	Appropriate
TJK	AA AB	6,626,991 B1 6,656,265 B1	12/02/03	Garnier		106 106	672 713	
	AC	6,723,800 B2	04/20/04			524	450	ļ
	AD	6,742,592 B1	06/01/04		elage et al.	166	293	
	AE	US	04/04/02	Lee et a		524	8	
	~~	2002/0040079			•	324	Ů	
	AF	US 2004/0007360	01/15/04	Leroy-De	lage et al.	166	293	
	AG	US 2004/0163812	08/26/04	Brothers		166	293	
	AH	US 2004/0211562	10/28/04	Brothers	et al.	166	281	
	AI	US 2004/0211564	10/28/04	Brothers	et al.	166.	293	
V	ΑĴ	US 2004/0244978	12/09/04	04   Shaarpour   166   293				
TJK	AX	US 2004/0251026	12/16/04	Dargaud	et al.	166	292	
FORE	EIGN 1	PATENT DOCUMEN	TTS	<del>-</del>				Translation
		Document No.	Date	c	ountry	Class	Subclass	Yes No
TJK	AL	RU 2178320	01/20/02	Russia				X (abstract only)
ТJК	AM	JP 01109551	04/26/89	Japan			····	X(abstract only)
TJK	AN	JP 56041859	04/18/81	Japan				X (abstract only)
TJK	AO		05/20/74	Japan				X(Abstract only)
tjk		DE 958698	02/21/57	Germany				X (abstract only)
ОТН		RT (Including A	uthor, Ti	le, Date	, Pertinent P	ages, E	tc.)	
TJK	AR	membrane s	kelton of	red bloo	ssociation of d cells" by W	. Hwang	g et al., d	lated August
TJK	AS	Paper enti			wer, pulsed ( J. Dai et al.			
	ΑT		_	_	ve analysis o			
tjk	AT	complex se	paration v	vith the	atomic force	micros	cope by B.	Shapiro et
EYA	MINE	L	ominary 4	., 1990.	DATE CO	STDERE	<del>)</del>	
		r. Kugel/ (06/	15/2006)				-	

Sheet	3	of.	4

		(Modified)			ATTY. DOCKET NO. SERIAL NO. 2002-IP-008094U2 10/721,055			5
	APPI	ATENTS AND PUBL LICANT'S INFORM LLOSURE STATEME	ATION	APPLICANT Krishna M. Ravi et al.				
(Use sev	era]	sheets if nec	essary)		FILING DATE GROUP November 24, 2003 3672			
				.S. PATEI	T DOCUMENTS			
EXAMINER INITIAL		Document No.	Date		Name	Clas	s Subclass	Filing Date if Appropriate
INITIAL	AA	Document No.	Dace		1100.10	C103	5 50001035	Appropriace
	AB		<del></del>					
	AC			-		<del> </del>		
	AD			<del> </del>	-	†	+	<del> </del>
	AE					<del>                                     </del>		<del></del>
<del></del>	AF							-
	AG		<del></del>	<u> </u>	<del></del>	<del>                                     </del>		
	AH				<del> </del>			<del></del>
	AI	•		1				
	AJ			1				
	AK							
FOR	EIGN	PATENT DOCUMEN	TS	,	· · · · · · · · · · · · · · · · · ·			
		Document No.	Date	С	ountry	Clas	s Subclass	Translation Yes No
TJK	AL	JP 05301786	04/27/92	Japan				X (abstract only)
TJK	AM	JP 09116158	05/02/97	Japan				X (abstract only)
	AN							
	AO							
	AP		<u> </u>					
ОТН	ER A	RT (Including A	uthor, Ti	tle, Date	, Pertinent H	Pages,	Etc.)	ater drop on
TJK	AR	a surface	with a sur	face ten	sion gradient	t by	H. Suda et a	il., dated
	AS			cathin ol	ass for flex	ible O	LED applicat	ion" by M.
TJK		Auch et al						
	AT				exible glass	subst	rates" by A.	Plichta et
TJK	.,•	al., dated			3			
	MINE	R			DATE CO	NSIDER	RED	
/Timo	thy	J. Kugel/ (06,	/15/2006)					

Sheet	4	of	4
		<b>U</b> L	- 4

FORM PTO-1449 (Modified)				DOCKET NO. SERIAL NO. 10/721,055							
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT					APPLICANT Krishna M. Ravi et al.						
(Use sev	(Use several sheets if necessary)					DATE er 24, 2003					
•				(	J.S. PATE	NT DOCUMENTS					
					T		T	Υ	Fi	ling	
EXAMINER									Date if		
INITIAL		Document No. Date		Date	Name		Clas	s Subclass	Appro	opriate	
	AA			<u> </u>							
	AB										
	AC				ļ		<u> </u>				
	AD					· · · · · · · · · · · · · · · · · · ·					
	AE		···	ļ	<u></u>						
	AF										
	AG				ļ		1				
	АН		···				<u> </u>		<u> </u>		
	AI			ļ	L			<u></u>			
	AJ				ļ						
500	AK	0 2 mm	m poorner	<u> </u>	<u> </u>				<u> </u>		
FOR	EIGN	PATE	VT DOCUMEN	1	<del> </del>		<del></del>	<del></del>	Trans	slation	
		Docu	ment No.	Date	c	ountry	Clas	Subclass	Yes	No	
	ΑĽ									<del></del>	
	AM								1		
	AN										
	AO										
	AP										
ОТН.	ER AI	T (II	ncluding A	uthor, Ti	tle, Date	, Pertinent	Pages,	Etc.)			
tjk	AR	C	Patent application entitled *Cement Compositions Containing Flexible, Compressible Beads and Methods of Cementing In Subterranean								
			Formations, by B. Raghava Reddy et al., Serial No. 10/350,533, filed on January 24, 2003.								
	AS	М	Patent application entitled "Cement Compositions With Improved Mechanical Properties and Methods of Cementing In Subterranean								
TJK			ormation* ecember 2:		a M. Rav	et al., ser	rial no	0. 10/745,470	, file	d on	
	AT							s Containing Subterranean		ble,	
TJK			ormations ovember 5		ighava Re	idy et al., s	erial	number 10/98	2,028,	filed	
EXA	MINE	R		<del></del>		DATE CO	NSIDER	RED			
/Timot	hv .	J. Ku	gel/ (06/	15/2006)							

Sheet	1	of	3

		(Modified)		ATTY. DOCKET NO. 2002-IP-008094U2		SERIAL NO. 10/721,055			
FOR	APPL	ATENTS AND PUBL LICANT'S INFORM CLOSURE STATEME	ATION	APPLICANT Krishna M. Ravi et al.					
Ouse several sheets if necessary)				FILING DATE November 24, 2003		GROUP 3672			
MAR 1 6 2004	0.1		U	.s. PATENT DOCUMENTS				<del>-</del>	
	8					l	L	ing	
EXAMINERO	<b>y</b>						4	e if	
NETRE		Document No.	Date	Name	Class	Subclass	Appro	priate	
TJK	AΑ	4,234,344	11/18/80	Tinsley et al.	106	88			
1	AB	4,304,298	12/08/81	Sutton	166	293			
_	AC	4,340,427	07/20/82	Sutton	106	87			
<del></del>	AD	4,367,093	01/04/83	Burkhalter et al.	106	87			
	AE	4,450,009	05/22/84	Childs et al.	106	76			
	AF	4,450,010	05/22/84	Burkhalter et al.	106	87			
-	AG	4,676,317	06/30/87	Fry et al.	166	293			
	AH	4,700,780	10/20/87	Brothers	166	293			
	AI	4,703,801	11/03/87	Fry et al.	166	293			
<del>\</del> //-	AJ	4,806,164	02/21/89	Brothers	106	90	<del>                                     </del>		
<del></del>	AK	5,124,186	06/23/92	Wycech	428	35.8	1		
TJK			Foor	ZIGN PATENT DOCUMENTS		·			
		r	I FORE	IGN PATENT DOCUMENTS	T	T	Trans	lation	
		Document No.	Date	Country	Class	Subclass	Yes	No	
	NI	53,003	02/14/03	Vonozuela	1		Y		
	1	52.882	02/14/92	Venezuela			Y		
	ΔN	53 035		Vonozuola			Y		
		53,036	08/28/93	Veneguela	+		×		
	AP		<del> </del>		T .				
			45	the Date Participant	Pages F	ita l	·!		
ОТНЕ	AR AI	RT (Including A	ty Materi	tle, Date, Pertinent	Indust:	ry brochure	dated	June	
TJK	ЛА	3M Speciality Materials For the Oil & Gas Industry brochure dated June 2001.							
	AS		heres bro	chure dated Sentember	2000.				
tjk	AS 3M <sup>m</sup> Microspheres brochure dated September 2000.								
TJK	JK AT 3M Scotchlite™ Glass Bubbles brochure dated Jul 1999.								
EXA	MINE	R .		DATE CO	NSIDERE	D			
/Timo	thy	J. Kugel/ (06	/15/2006)						
,				j.					

		9 (Modified)	TCATTONS	ATTY. DOCKET NO. 2002-IP-008094U2	`	SERIAL NO. 10/721,055				
FOR	APPL	TENTS AND PUBL ICANT'S INFORM LOSURE STATEME	ATION	APPLICANT Krishna M. Ravi et al.						
(Use sev	eral	sheets if nec	essary)	FILING DATE GROUP November 24, 2003 3672						
			ט	S. PATENT DOCUMENTS						
			}				Filing			
XAMINER							Date if			
NITIAL		Document No.	Date	Name	Class	Subclass	Appropriate			
TJK	AA	5,837,739		Nowak et al.	521	54				
i	AB	6,279,652 B1		Chatterji et al.	166	194				
	AC	6,367,549 Bl	04/09/02		166	292				
	AD	6,457,524 B1	10/01/02		166	293				
	AE	4,460,052	07/17/84	Gockel	175	72				
	AF	4,498,995	02/12/85	Gockel	252	8.5 LC				
	AG	4,565,578	01/21/86	Sutton et al.	106	87				
	AH	4,063,603	12/20/77		175	65	<u> </u>			
	AI	6,398,866 Bl	06/04/02	Wombacher et al.	106	823				
$\overline{\mathbf{A}}$	AJ	6,530,437 B2	03/11/03	Maurer et al.	175	5				
TJK	AK	6,508,305 Bl	01/21/03	Brannon et al.	166	293				
			FORE	EIGN PATENT DOCUMENTS						
		Document No.	Date	Country	Class	Subclass	Translation Yes No			
-	AL									
	AM				<u> </u>		<u> </u>			
	AN				1					
	AO									
	AP						<u> </u>			
ОТН.	ER AF	RT (Including A	Author, Ti	tle, Date, Pertinent .	Pages, E	tc.)				
TJK	AR	Expancel b	rochure da	ted January 2003.						
TJK	AS	Halliburton brochure entitled "Spherelite Cement Additive" dated 1999.								
	AT									
,										

						Sh	eet:	3 of
FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				ATTY. DOCKET NO. 2002-IP-008094U2		SERIAL NO. 10/721,055		
				APPLICANT Krishna M. Ravi et al.				
				FILING DATE November 24, 2003	GROUP 3672			
			L	.S. PATENT DOCUMENTS				
XAMINER								ing e if
NITIAL		Document No.	Date	Name	Class	Subclass		oriate
TJK	AA	6,645,288 B1	11/11/03	Dargaud et al.	1056	696		
	AB.	US 2002/0108786 Al	08/15/02	Rowden	175	57		
TJK	AC	US 2002/0108782 A1	08/15/02	Boer	175	7		<del></del>
	AD	<u> </u>			<u> </u>	<del></del>		
	AE				1	·		
	AF							-
	AG				<u> </u>			
	AH				ļ			
	AI				<u> </u>			
	AJ		ļ. <u>.</u>		<u> </u>	-		
	AK		<u>!</u> _		<u> </u>	1	L	
			FORE	IGN PATENT DOCUMENTS				
		Document No.	Date	Country	Class	Subclass	Yes	No
-	AL						•	
	AM							
	AN							
	AO				<b> </b>	<u> </u>		
	AP			L	L	<u> </u>	L	<del></del>
ОТНЕ		RT (Including A	uthor, Ti	tle, Date, Pertinent E	Pages,	Etc.)		
TJK	AR	Expancel bi	cochure da	ted January 2003.				
<del></del>	24							

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

ΑT

/Timothy J. Kugel/ (06/15/2006)

EXAMINER